

# squealing noise coming from engine

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[James Shimmel](#) 2 posts since Mar 18, 2020

**squealing noise coming from engine** Sep 15, 2020 8:21 PM

I have a freightliner p4 next gen Cascadia with a dd13 in it 2019 109000 miles and customer brought in for a belt squeal and couldn't reproduce the the noise road tested unit and found the squeal after getting hot got back to shop and found it wasn't the belt its coming from the engine somewhere in the vicinity of the fuel filter housing only happens at 800 to 900 rpms I have no codes at first it would turn over for about 3 seconds and then start up and after road testing it takes about 7 or 8 seconds to start so I pulled the valve cover and don't see no visible damage anywhere ran engine with valve cover off and could see no possible culprits (this isn't a fuel injector chirp by no means) anyone had this problem



[Jon Cecil](#) 790 posts since Nov 25, 2014

**Re: squealing noise coming from engine** Sep 16, 2020 11:46 AM

VIN?

Did you remove the belt and verify the noise was still present? Is the noise by frame mounted filter housing or engine side filter housing? Fuel injector leakage does not always sound like a chirp. I would perform cutout test and operate engine at same RPM range to see if noise is still present. Air in fuel, cracked injector, missing heat isolator, doubled up heat isolators, loose injector hold downs all could be a possibility.



[Pierre Beauchesne](#) 290 posts since Nov 11, 2014

**Re: squealing noise coming from engine** Sep 16, 2020 7:08 PM

we just had an issue here with noise at engine, DD13GHG17, first tech tough it was HPFP, other tech check closely and found noise coming from p/steering pump, pump replaced and noise gone.



[James Shimmel](#) 2 posts since Mar 18, 2020

**Re: squealing noise coming from engine** Sep 16, 2020 7:44 PM

We have a HPFP failure metal thru the system.

<<https://www.tomnehl.com/>>

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**Jesse Gutierrez** 400 posts since Mar 5, 2017

**Re: squealing noise coming from engine** Sep 16, 2020 11:50 PM

Like James mention , metal in fuel is pretty common on these new DD ENGINES , I would check the tanks with a magnet for metal , pull the fuel filters and see what you have both on the filter and in the bowl



**Pierre Beauchesne** 290 posts since Nov 11, 2014

**Re: squealing noise coming from engine** Sep 17, 2020 10:47 AM

go on PSL and follow instructions for metal in fuel and see that you have to install in frame fuel filter too.



**Steve Reppard** 91 posts since Jun 29, 2020

**Re: squealing noise coming from engine** Sep 17, 2020 5:49 PM

We have had around 14 HPFP failures in the past month, the STEP-2-GO pumps are more sensitive to fuel contamination. The new STEP-2-GO+ pumps have been pretty reliable so far from what I am hearing.